JC01 Rec'd PCT/PTO 15 JUL 2005

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER				
		005092-00075 U.S. APPLICATION NO. (If known, see 37 CFR 1.5)				
		N/A 1075425U9				
INTERNATIONAL APPLICATION NO. PCT/US2004/000659	PRIORITY DATE CLAIMED  15 January 2003 and 19 May 2003					
PCT/US2004/000659: 12 January 2004 15 January 2003 and 19 May 2003  TITLE OF INVENTION Devices and Methods for Focusing Analytes in an Electric Field Gradient II						
APPLICANT(S) FOR DO/EO/US David Strand and Dan M. Leatzow						
		0/US) the following items and other information:				
F===1	concerning a submission under 35 U.S.C. 371	,				
2. This is a SECOND or SUBSEQUENT	· · · · · · · · · · · · · · · · · · ·					
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. X The US has been elected (Article 31).						
5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
a. X is attached hereto (require	a. X is attached hereto (required only if not communicated by the International Bureau).					
b. X has been communicated b	b. X has been communicated by the International Bureau.					
c. is not required, as the app	c. is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. An English language translation of t	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
a. is attached hereto.	a. Lis attached hereto.					
	b. has been previously submitted under 35 U.S.C. 154(d)(4).					
7. Amendments to the claims of the Int	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
a. are attached hereto (requ	a. are attached hereto (required only if not communicated by the International Bureau).					
b. have been communicated	b. have been communicated by the International Bureau.					
c. have not been made; how	c. have not been made; however, the time limit for making such amendments has NOT expired.					
d. Nave not been made and	d. A nave not been made and will not be made.					
8. An English language translation of t	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. An oath or declaration of the invento	or(s) (35 U.S.C. 371(c)(4)).					
10. An English language translation of the	ne annexes of the International Preliminary E	xamination Report under PCT				

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

10. 🔲

Article 36 (35 U.S.C. 371(c)(5)).

A preliminary amendment.

A substitute specification.

Items 11 to 20 below concern document(s) or information included:

An Application Data Sheet under 37 CFR 1.76.

A power of attorney and/or change of address letter.

An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S.

## JC18 Rec'd PCT/PTO 15 JUL 2009

PTO-1390 (Rev. 07-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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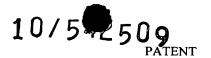
U.S. APPLICATION	LICATION NO. (if known, see 37 CFR 1.5)  10/542509  INTERNATIONAL APPLICATION NO. PCT/US2004/000659		ATTORNEY'S DOCKET NUMBER 005092-00075			
Other items or information: PCT Request Form (Form PCT/RO/101) and the International Search Report (PCT/ISA/210)						
The following	g fees have b	een submitted			CALCULATIONS	PTO USE ONLY
21. X Basic nat	ional fee (37	CFR 1.492(a))		\$300	\$ 300.00	
22. X Examination fee (37 CFR 1.492(c))						
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 200.00		
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$100.00			
TOT	AL OF 21 22	2 and 23 =				
TOTAL OF 21, 22 and 23 =  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets Ext	ra Sheets	Sheets Number of each additional 50 or fraction thereof (round up to a whole number)				
119 - 100 =	19 /50 =	= 1 x \$250		\$250.00		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			oath or declaration	\$		
CLAIMS	NUMB	NUMBER FILED NUMBER EXTRA RATE		RATE	\$	
Total claims		18 - 20 =	0	× \$ 50	\$	
Independent claims		2 -3=	0	× \$200	\$	
MULTIPLE DEPENDE	NT CLAIM(S	i) (if applicable)		+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 850.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			ed by 1/2.			
		<u></u>		SUBTOTAL =	\$ 425.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$			
TOTAL NATIONAL FEE =			\$ 425.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$				
TOTAL FEES ENCLOSED =			\$425.00			
	<del></del>				Amount to be refunded:	\$
					Amount to be charged	\$

10/542509

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a. 🗌	A check in the amount of \$ to cover the above fe	es is enclosed.			
<b>b</b> . X	Please charge my Deposit Account No. $\underline{19\text{-}0733}$ in the amount of \$ $\underline{425.00}$ to cover the above fees. A duplicate copy of this sheet is enclosed.				
с. 🛚	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0733. A duplicate copy of this sheet is enclosed.				
d. 🗆	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND A	ALL CORRESPONDENCE TO:	SIGNATURE Peter D. McDermott NAME 29,822 REGISTRATION NUMBER			



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (B&W No. 005092-00075)

Applicant:

David Strand et al.

JC18 Rec'd PCT/PTO 15 JUL 2005

Filing Date:

July 15, 2005

Title:

Devices and Methods for Focusing Analytes in an Electric Field

**Gradient II** 

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## **CERTIFICATE OF EXPRESS MAIL**

MAIL STOP PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Express Mail Receipt No. EV515643699US

Date of Deposit: July 15, 2005

I hereby state that the following:

- Transmittal Letter to the United States Designated /Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (In Duplicate)
- Preliminary & Priority Claim Amendment (5 Sheets)
- Copies of PCT Request Form (PCT/RO/101) and PCT International Search Report (PCT/ISA/210)
- **Application Data Sheet**
- Copy of PCT/US2004/00659 as published (WO 04/065619)
- Specification Abstract (1 Page)
- Express Mail Certificate (1 pg.)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Mail Stop Provisional Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**Brigid Laffey** 

July 15, 2005

Dated

Book Mora Laffey
Signature of person mailing above-identified papers